

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Danny Ballard

GENERAL INFORMATION:

Name:	Western Kentucky Energy Corporation; R.D. Green Station
Address:	PO Box 1518, Henderson, Kentucky 42419-1518
Date application received:	October 17, 1996
SIC/Source description:	4911; Electric Power Generating Plant
AFS(10-digit) Plant ID:	21-233-00052
EIS #:	077-4020-0052
Application log number:	E714
Permit number:	V-99-067

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/>	Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)

MISCELLANEOUS:

- ☒ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

POLLUTANT	ACTUAL (TPY)	POTENTIAL (TPY)
PM10	610.4	610.4
SO ₂	15,280.0	74331*
NO _x	10,354.0	16,312.0
CO	607.0	607.0
VOC	72.8	72.8
LEAD	0.51	0.51
HAP \geq 10 tpy (by CAS)		
HCL	1,456.8	1,456.8
HF	182.0	182.0

EMISSION AND OPERATING CAPS DESCRIPTION:

In order to preclude the applicability of Regulation 401 KAR 51:017, Prevention of significant deterioration of air quality, the total sulfur dioxide emissions from emissions units 01 and 02 at the R.D. Green Station and emissions units 01, 02 and 03 at the Reid/Henderson Station shall not exceed 74,331 tons during any consecutive twelve month period.